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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/944,869	08/31/2001	Luke D. Jagger	NAIIP025/01.156.01	2765

28875 7590 12/16/2004

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EXAMINER

JUNG, DAVID YIUK

ART UNIT	PAPER NUMBER
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2134

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/944,869	Applicant(s) JAGGER	
	Examiner David Y Jung	Art Unit 2134	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1/02</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

CLAIMS PRESENTED

Claims 1-37 are presented.

CLAIM REJECTIONS

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over CNN (<http://www-cgi.cnn.com/TECH/computing/9907/21/badrap.idg>).

Regarding claim 1, CNN teaches "A method for preventing an outbreak of malicious code, comprising: identifying malicious code at a local location on a network; ... information relating to the malicious code at the local location; sending the ... information relating to the malicious code to a plurality of ... locations utilizing the network; (the paragraph quoting Symantec, i.e. search for Back Orifice 2000, then sending to researcher – this prevents the outbreak by identifying the Back Orifice 2000, then sending information relating to Back Orifice 2000 which is a malicious code) and blocking instances of the malicious code at the ... locations for a predetermined moment of time based on the information; (the paragraph quoting Symantec, i.e.

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quarantining) wherein the information is selected from the group consisting of a type, context, protocol, severity, reporting server, and IP address associated with the malicious code (the paragraph quoting Symantec, i.e. sending to researcher)."

These passages of CNN do not teach "remote" in the sense of the claim.

Nevertheless, it was well known in the art to reach a researcher at a remote location for the motivation of having access to expertise of a researcher that is not physically located on-site.

These passages of CNN do not teach "encrypted" in the sense of the claim.

Nevertheless, it was well known in the art to encrypt information for the motivation of hiding information from a hacker who appears to be using a malicious code to seize control of a system – such as in the situation of searching for Back Orifice 2000.

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to modify CNN for the motivations noted in the previous paragraphs so as to teach the claimed invention.

Regarding claim 2 (handling virus, worm, Trojan, etc.), such particular features are well known in the art for the motivation of security. For example, CNN suggests handling a Trojan at the section quoting Symantec.

Regarding claim 3 (identification of source, etc.), such particular features are well known in the art for the motivation of security. For example, the Symantec's software noted in CNN would not even work unless such identification was possible. Regarding

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claims 4-8, such particular features are well known in the art for the purpose of handling information across computers.

Regarding claims 9, 10, these claims are computer program product analog claim (claim 9) and system analog claim (claim 10) of claim 1. For the reasons noted in the rejection of claim 1, these claims 9, 10 are not patentable.

Regarding claim 10, CNN teaches "A method for preventing an outbreak of malicious code, comprising: identifying malicious code at a local location on a network; information relating to the malicious code at the local location; sending the information relating to the malicious code to a plurality of ... locations utilizing the network; (the paragraph quoting Symantec, i.e. search for Back Orifice 2000, then sending to researcher – this prevents the outbreak by identifying the Back Orifice 2000, then sending information relating to Back Orifice 2000 which is a malicious code) and blocking instances of the malicious code at the ... locations for a predetermined moment of time based on the information; (the paragraph quoting Symantec, i.e. quarantining) wherein the information is selected from the group consisting of a type, context, protocol, severity, reporting server, and IP address associated with the malicious code (the paragraph quoting Symantec, i.e. sending to researcher)."

These passages of CNN do not teach "remote" in the sense of the claim.

Nevertheless, it was well known in the art to reach a researcher at a remote location for the motivation of having access to expertise of a researcher that is not physically located on-site.

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to modify CNN for the motivations noted in the previous paragraphs so as to teach the claimed invention.

Regarding claims 11-36, such particular features are well known in the art for the purpose of handling information across computers.

Regarding claim 37, CNN teaches "A method for preventing an outbreak of malicious code, comprising: identifying malicious code at a local location on a network; wherein the malicious code is at least one of a virus, worm and, Trojan; wherein the malicious code is recognized based at least in part on recognizing that at least one of a checksum and a file name of the malicious code is registered as a known threat; ... information relating to the malicious code at the local location, wherein the information is selected from the group consisting of a type, context, protocol, severity, reporting server, and IP address associated with the malicious code; sending the ... information relating to the malicious code to a plurality of ... locations utilizing the network; (the paragraph quoting Symantec, i.e. search for Back Orifice 2000, then sending to researcher – this prevents the outbreak by identifying the Back Orifice 2000, then sending information relating to Back Orifice 2000 which is a malicious code) restricting access to the ... locations by communications originating at the source of the malicious code for a predetermined moment of time based on the information; (the paragraph quoting Symantec, i.e. quarantining) executing countermeasures for limiting the effect of the malicious code at the local location; and retrieving additional information about the

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malicious code if an aspect of the attack is not recognized (the paragraph quoting Symantec, i.e. sending to researcher)."

These passages of CNN do not teach "remote" in the sense of the claim.

Nevertheless, it was well known in the art to reach a researcher at a remote location for the motivation of having access to expertise of a researcher that is not physically located on-site.

These passages of CNN do not teach "encrypted" in the sense of the claim.

Nevertheless, it was well known in the art to encrypt information for the motivation of hiding information from a hacker who appears to be using a malicious code to seize control of a system – such as in the situation of searching for Back Orifice 2000.

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to modify CNN for the motivations noted in the previous paragraphs so as to teach the claimed invention.

Conclusion

The art made of record and not relied upon is considered pertinent to applicant's disclosure. The art disclosed general background.

Points of Contact

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Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 746-7239, (for formal communications intended for entry)

Or:

(703) 746-5606 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

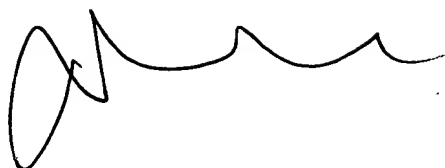
Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Jung whose telephone number is (571) 272-3836 or Greg Morse whose telephone number is (571) 272-3838.

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David Jung

Patent Examiner

A handwritten signature in black ink, consisting of a large, stylized initial 'D' followed by a series of connected loops and a final horizontal stroke.

12/13/04